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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/778,881	02/08/2001	Tin Cheung Wong	12027-0002	6685
7.	590 11/20/2003		EXAMINER	
CLARK & BRODY			WOO, ISAAC M	
Suite 600 1750 K Street,	NW		ART UNIT	PAPER NUMBER
Washington, DC 20006			2172	
			DATE MAILED: 11/20/200	3 b

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	
Advisory Action	09/778,881	WONG, TIN CHEU	NG
-	Examiner	Art Unit	
	Isaac M Woo	2172	
The MAILING DATE of this communication app	pears on the cover sheet	with the correspondence add	ress
THE REPLY FILED 03 November 2003 FAILS TO PLA Therefore, further action by the applicant is required to a final rejection under 37 CFR 1.113 may only be either: (condition for allowance; (2) a timely filed Notice of Appe Examination (RCE) in compliance with 37 CFR 1.114.	avoid abandonment of th 1) a timely filed amendn	nis application. A proper reply nent which places the applica	y to a ition in
PERIOD FOR R	REPLY [check either a) o	or b)]	
a) The period for reply expires 3 months from the mailing da	-		
b) The period for reply expires on: (1) the mailing date of this no event, however, will the statutory period for reply expire ONLY CHECK THIS BOX WHEN THE FIRST REPLY WA 706.07(f). Extensions of time may be obtained under 27 CER 1 136(a). The content of time may be obtained under 27 CER 1 136(b). The content of time may be obtained under 27 CER 1 136(c).	e later than SIX MONTHS from AS FILED WITHIN TWO MON	n the mailing date of the final rejecti NTHS OF THE FINAL REJECTION.	on. See MPEP
Extensions of time may be obtained under 37 CFR 1.136(a). The ee have been filed is the date for purposes of determining the period see under 37 CFR 1.17(a) is calculated from: (1) the expiration date of 2) as set forth in (b) above, if checked. Any reply received by the Offimely filed, may reduce any earned patent term adjustment. See 37	I of extension and the corresp of the shortened statutory peri ffice later than three months a	onding amount of the fee. The appropriate of the interest of the final	ropriate extension Office action; or
 A Notice of Appeal was filed on Appellant 37 CFR 1.192(a), or any extension thereof (37 CF 			
2.☐ The proposed amendment(s) will not be entered I	because:		
(a) they raise new issues that would require furth	her consideration and/or	search (see NOTE below);	
(b) they raise the issue of new matter (see Note	below);	,	
(c) they are not deemed to place the application issues for appeal; and/or	in better form for appea	al by materially reducing or sir	mplifying the
(d) they present additional claims without cance	eling a corresponding nu	mber of finally rejected claim	s.
NOTE:		4	
3. Applicant's reply has overcome the following rejection	ction(s):		
 Newly proposed or amended claim(s) would canceling the non-allowable claim(s). 	d be allowable if submit	ted in a separate, timely filed	amendment
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for application in condition for allowance because: S	or reconsideration has b see Continuation Sheet.	een considered but does NO	T place the
6. The affidavit or exhibit will NOT be considered be raised by the Examiner in the final rejection.	cause it is not directed \$	SOLELY to issues which were	e newly
7. For purposes of Appeal, the proposed amendmen explanation of how the new or amended claims v			and an
The status of the claim(s) is (or will be) as follows	:		
Claim(s) allowed:			
Claim(s) objected to:			
Claim(s) rejected: 8-17.			
Claim(s) withdrawn from consideration: 1-7.			
8. \square The drawing correction filed on is a) \square ap	proved or b)□ disappr	oved by the Examiner.	
9. Note the attached Information Disclosure Stateme	ent(s)(PTO-1449) Pape	r No(s)	
10. ☐ Other:	,		
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Continuation of 5. does NOT place the application in condition for allowance because:

The applicant's arguments (filed on 11/03/2003) are not persuasive.

Williard discloses, the computer automated process (22, processor, FIG. 1) for identification, management and retrieval of engineering drawings in digital format, (col. 3, lines 12-25), (i) analyzing graphical and textual digital data (text extraction form engineering drawing, col. 2, lines 42-67 to col. 1-26) in a drawing using a central processing unit (22, processor, FIG. 1, col. 2, lines 43-67) to identify individual engineering drawings, see (col. 3, lines 12-25), to identify a series of discrete boxes (52, choosing title box is to discrete boxes, FIG. 3, col. 3, lines 46-63) within each engineering drawing containing predefined keywords (title, col. 4, lines 4-29) and to further identify any text contained within the drawing and within the discrete boxes, see (text extraction area from box, 44, FIG. 2, and 56, FIG. 3, col. 3, lines 45-67 to col. 4, lines 1-29); and (ii) storing the textual content in the discrete boxes in a memory means in a relational database (38, receiving database, FIG. 1) such that the textual content of the discrete boxes (46, FIG. 2, col. 3, lines 1-12) is stored by reference to the keywords of each discrete box (title (attribute) is used as keyword, col. 4, lines 15-63), and wherein the drawings can be identified and retrieved by reference (col. 3, lines 12-26). Thus, Williard teaches, identifying discrete boxes and extract text information from engineering boxes.

And Syeda discloses the retrieval of drawings keywords from drawing blocks, see (col. 15, lines 64-67 to col. 16, lines 1-9, col. 16, lines 40-64). The extracting keywords from engineering drawing is used for indexing engineering drawing, improves image

and text data's database management using keyword indexing for image data.

Thus, the system of Williard and Syeda combined art discloses the claimed limitations. .

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